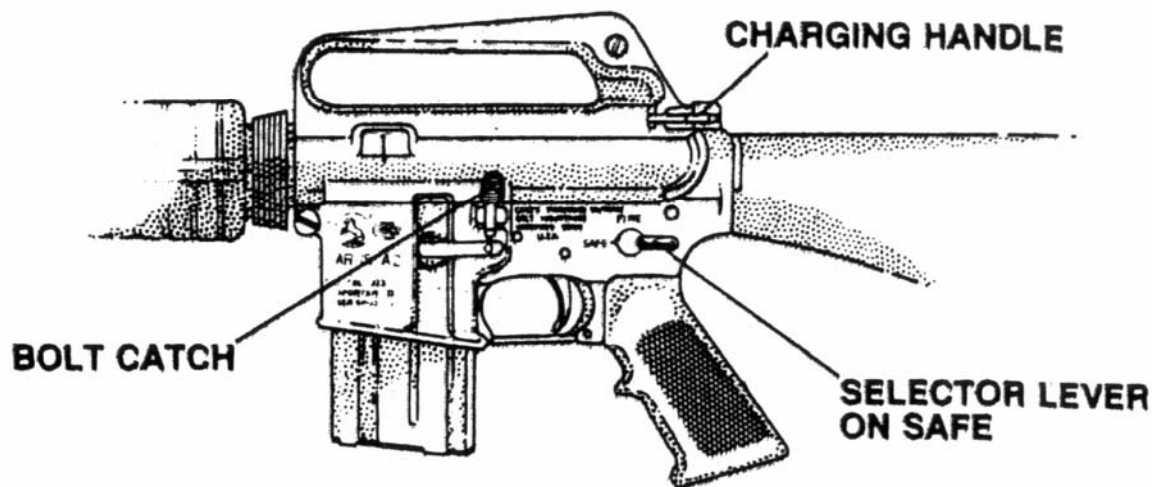


**UNLOADING**

**Figure 2**

1. Place selector lever on SAFE. If rifle is not cocked, selector lever cannot be pointed toward safe.
2. Point rifle in a SAFE DIRECTION!!
3. Remove magazine by pressing magazine catch and pulling downward on magazine.
4. Pull charging handle to rear and lock bolt open by pressing bottom of bolt catch. Allow bolt to move forward until it engages bolt catch.
5. Return charging handle forward. If you haven't before, place selector lever on SAFE.
6. Check the chamber and the magazine well visually by looking through the ejection port and magazine insert area to ensure these areas contain no ammunition.
7. Physically check the chamber through the magazine well to ensure the rifle is unloaded.
8. When magazine is removed and chamber is empty, press upper portion of bolt catch to allow bolt to go forward.

**Note: This rifle can be fired without a magazine in place!!**

## DISASSEMBLY

1. Unload rifle. See Unloading procedure.
2. Remove sling.
3. Remove *handguards* by pressing down on *slip ring* with rifle on *butt stock*. See Figure 3.  
**Note: Steps 2 and 3 are not always necessary for general cleaning)**
4. Push on *takedown pin* from left of lower receiver and pull *takedown pin* out on right of receiver until it comes to a positive stop. **The bolt must be in the forward position.**
5. Pivot lower receiver down and away from upper receiver. See Figure 4.

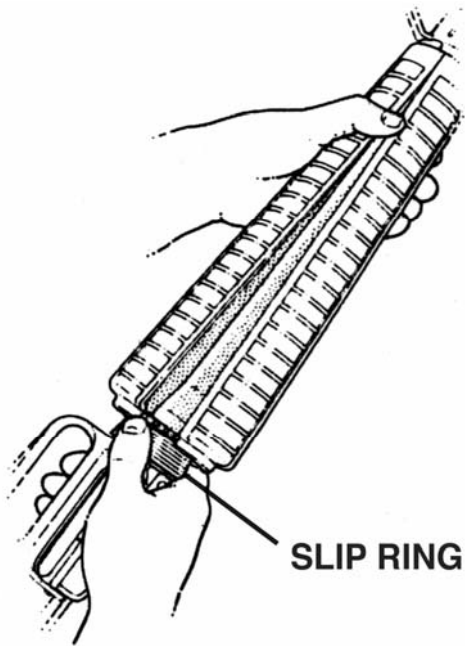


Figure 3

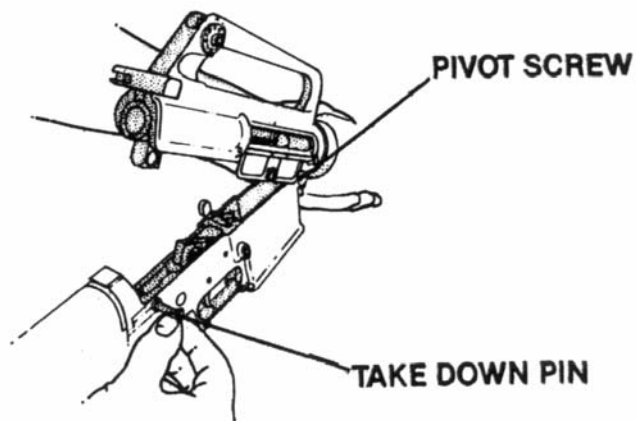
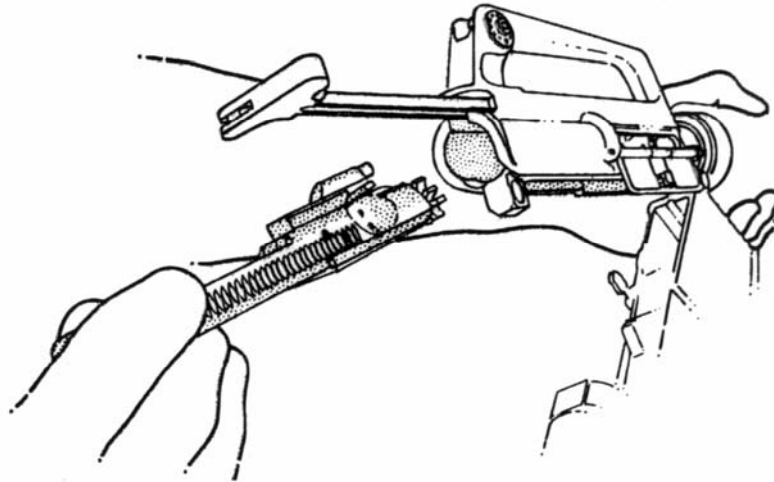


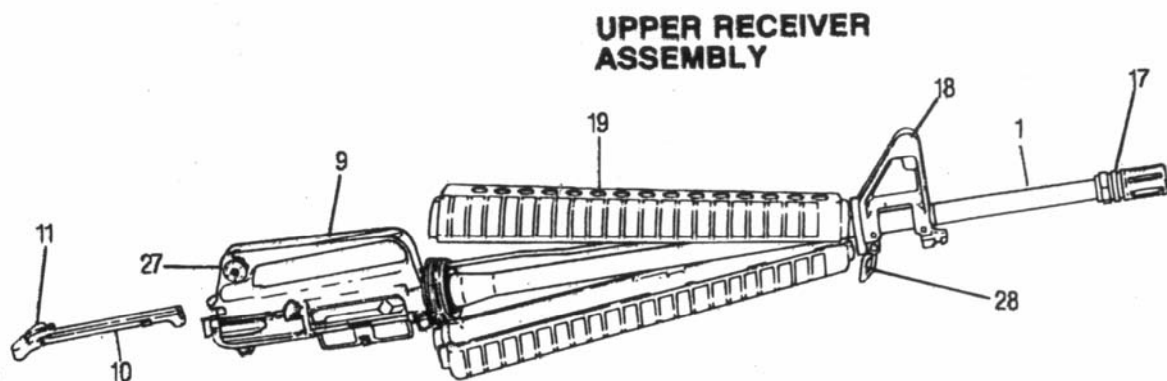
Figure 4

## UPPER RECEIVER DISASSEMBLY

1. Pull *charging handle* to rear and remove *bolt carrier assembly* by pulling it to the rear. See Figure 5.
2. Remove *charging handle* by pulling it back to keyway and then down, out of the upper receiver.



**Figure 5**



**Figure 6**

**BOLT CARRIER ASSEMBLY / DISASSEMBLY**

1. Remove *firing pin retaining pin* by pushing in from right to left of *bolt carrier assembly*.
2. Put *bolt* assembly in locked position by pushing *bolt* assembly in toward *bolt carrier*.
3. Drop *firing pin* out rear of *bolt carrier*.
4. Give *cam pin* a ¼ turn and lift out to remove *cam pin*.
5. Remove *bolt* assembly from *bolt carrier*.
6. Remove *extractor pin* by pushing *extractor pin* from either side.
7. Remove extractor keeping extractor spring assembly attached.

See Figure 7 and Figure 8.

**Note:** Extractor spring has a rubber insert within the spring. Be sure not to lose it. If spring comes loose, put the large end of the spring in the extractor and seat it.

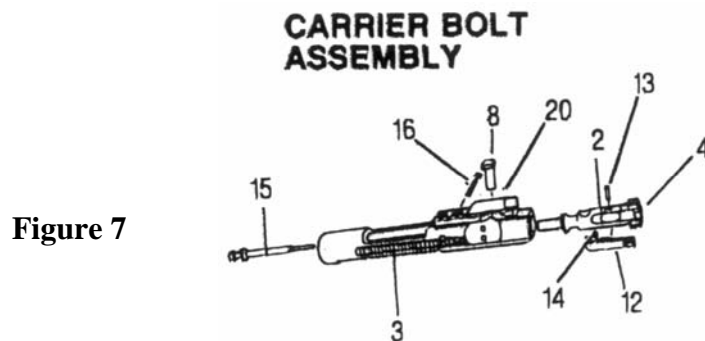


Figure 7

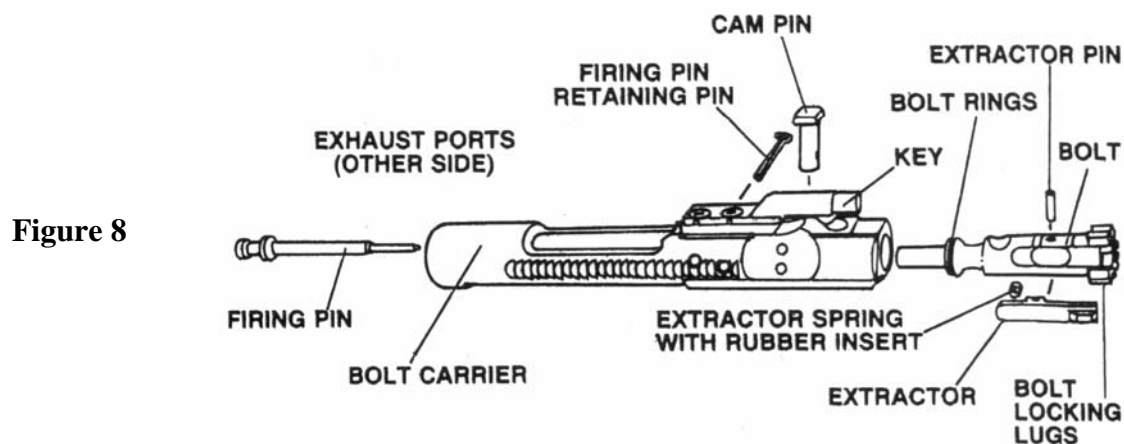
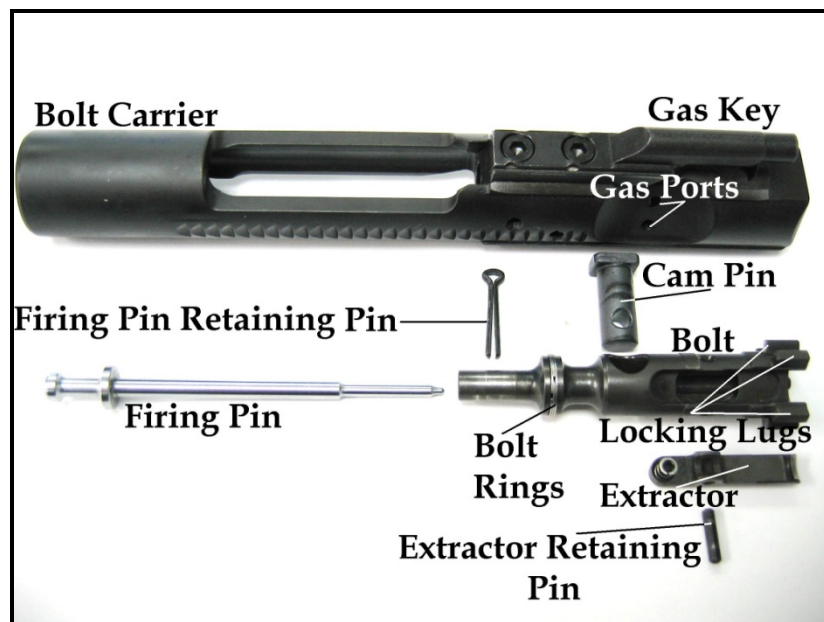


Figure 8



## LOWER RECEIVER DISASSEMBLY

1. Remove *buffer* by pressing in on and keeping a constant pressure on *buffer* while depressing the *buffer retainer* and slowly releasing pressure on *buffer*.

See Figure 9, Figure 10, and Figure 11.

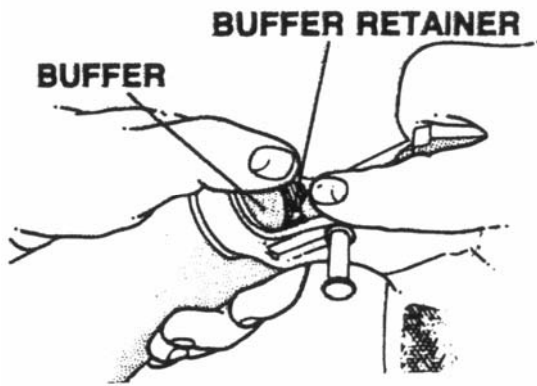


Figure 9

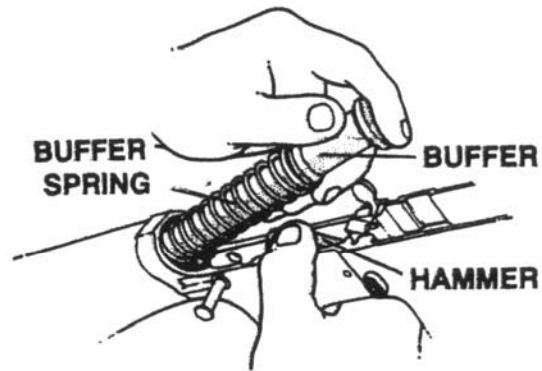


Figure 10

## LOWER RECEIVER ASSEMBLY

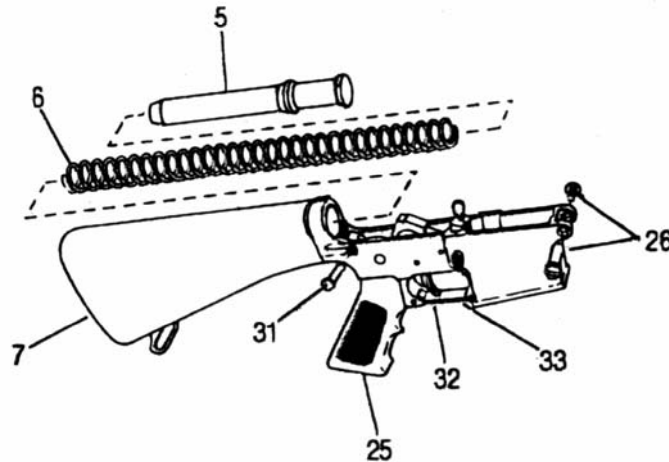


Figure 11

**STOP - NO FURTHER DISASSEMBLY ALLOWED**

## WHEN TO CLEAN AND LUBRICATE THE AR-15/M-16 RIFLE:

You should clean and inspect your rifle:

1. Before firing - see that the barrel is clear and unobstructed, and that the rifle is lubricated properly.
2. After firing - clean the rifle immediately after firing. This will reduce the chances that corrosion will set in, and the carbon deposits are easier to remove if they haven't had a chance to set in.
3. Periodically - depending on the environment (salty air, dusty, humid, etc.) your rifle will need care from once per week to once every half year. Of course, if the rifle gets wet at all, clean and lubricate it immediately.

## MATERIALS FOR CLEANING AND LUBRICATION

- #2 Slotted tip for attaching patches
- #3-6 A one-piece or segmented cleaning rod
- #7 - Brass wire bore cleaning brush
- #8 – Brass/stainless wire chamber cleaning brush
- #9 - A small toothbrush or nylon bristled gun cleaning brush
- #11 - High quality gun lubricant (synthetics like Break Free, Slip 2000, Mobil 1)
- Gun cleaning solution (Hoppe's, etc.)
- Cotton flannel patches (cut to fit snugly into the bore)



## CLEANING PROCEDURES

If the rifle has been fired, attach a wet patch to the cleaning rod and insert it into the chamber end of the barrel. (Improper cleaning from the muzzle can have a negative impact on accuracy.)

- Use the wire bore brush to clean the barrel. Be sure to push the brush all the way through the barrel before reversing it. If you change directions with the brush in the bore, you may get it stuck.
- Take the chamber brush and insert it into the chamber. Colt recommends that you push the chamber brush in and out at least five times, and use rotating motion for at least three complete revolutions.
- As a rule, do not insert cotton swabs into the gas tube or bolt carrier key. It is easy to break off the tip and disable the rifle. Pipe cleaners are good for hard to reach areas.
- Use a clean dry patch and cotton swabs to remove foul solution from the bore and chamber. Repeat this until the patch and swab come out dry. If there is still carbon in the bore or chamber, repeat steps and
- With the cleaning solution and a bristle brush, remove the carbon and powder buildup from the bolt, bolt carrier group, firing pin and all parts of the upper receiver group. Don't use a wire brush on any aluminum parts.
- Thoroughly wipe off all parts of the now clean weapon. Inspect them for wear or damage.

## LUBRICATION OF THE RIFLE

It is important to lubricate the AR to ensure its proper functioning and to prevent rusting. These rifles will continue to function when dirty as long as they are lubricated. Lightly moisten a flannel patch with high quality gun oil. Run the patch through the bore. If the rifle isn't likely to be used soon, leave the oil film inside. If the rifle is to be used, then run a dry patch through to remove most of the oil.

With a clean cotton patch apply a light film of oil to the following areas prior to reassembly:

- Outsides of the bolt carrier
- Outside surface of the bolt
- Top of the bolt carrier key
- Buffer assembly
- Forward assist
- Charging handle catch
- Underside of the charging handle
- Outer surfaces including sling swivels, compensator.



**FUNCTION TEST**

(Conducted only after rifle has been unloaded)

1. Check to ensure the selector lever is on “safe.”
2. Point the muzzle in a safe direction. Make sure trigger finger is indexed.
3. Pull the trigger. The hammer should not fall. This is a test of the safety.
4. Place selector lever on “fire.”
5. Pull the trigger and hold it to the rear. You should hear the hammer fall.
6. Continue to hold the trigger to the rear and pull charging handle to the rear and release it to let the bolt go forward.
7. Release trigger. A distinct metallic “clunk” should be heard when releasing the trigger. This “clunk” is the disconnecter releasing the hammer to fall slightly forward to engage the sear.
8. Switch selector lever back on “safe.”